B1080i-3

User Manual

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1. PACKAGE CONTENTS

1. B1080i-3
2. Remote Control
3. Audio Cable
4. Y.Pb.Pr Cable
5. S-Video Cable
6. Power Adapter (DC 12V, 1.5A)
7. User Manual

B1080i-3

Remote Control

Audio Cable

Y.Pb.Pr Cable

S-Video Cable

Power Adapter (DC 12V, 1.5A)

User Manual

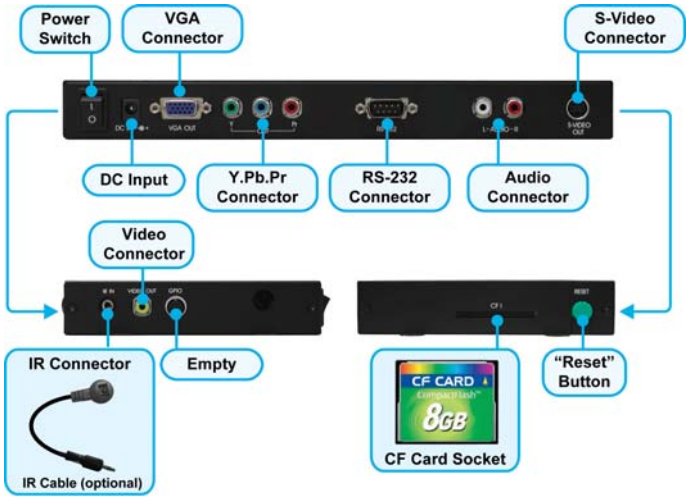
2. INTRODUCTION

The B1080i-3 is a digital media player that plays movies, music, digital picture and WMV9 from CF memory card without a computer. The B1080i-3 supports High Definition movie hardware decode acceleration, presents for you the smoother and clearer picture, it supports high resolution video output such as 1080i / 720P for movie theater quality video on a big screen. By connecting to Video, S-Video, Y.Pb.Pr, VGA (resolution up to 1360 x 768) and Audio, you can play picture, movie and music on any display device.

3. FEATURES

- Supports multiple file formats：Music, Picture, Movie and HD WMV9.
- Supports Video, S-Video, Y.Pb.Pr, VGA and Audio output.
- S-Video output supports Composite S-Video and Composite Y.Pb.Pr.
- HD Y.Pb.Pr output supports resolution：
  NTSC Mode(60Hz)：480P/ 720P/ 1080i.
  PAL Mode(50Hz)：576P/ 720P/ 1080i.
- VGA output supports resolution：640x480/ 800x600/ 1024x768/ 1280x1024.
- Supports IR input for connecting external IR cable (optional) to receive signal from remote control.
- Supports RS-232 port for computer control with ASCII command (play, stop, pause…etc).
- Connect using an Ethernet network cable at up to 100Mbps.
- The source of HD WMV9 MP@HL (Main Profile / High Level) supports resolution up to 1920x1080 (1080P) and the maximum bit rate is 12Mbps.
- Supports CF memory cards. (Suggest using the high speed (150X) CF card)

4. HARDWARE OVERVIEW



PS. The IR cable (optional) is an external receiver for receiving signal from remote control.

5. REMOTE CONTROL

1 Power on/ off
2 Select the output mode
3 Numeric Key
4 Delete last entry
5 Select a function or to play the selected file
6 Open the setup menu Mute sound
7 OSD display function on/ off
8 Auto-play function on/ off
9 Mute sound
10 Volume up/ down
11 Move the cursor
12 Confirm the selection/ entry
13 Go back one layer
14 Select the TV type (NTSC/ PAL)
15 Shuffle on & off
16 Play the file selected
17 View the previous/ next file
Play the previous/ next file if in playback
18 Select the repeat mode
19 Rewind/ forward movie or music files
20 Stop playback
21 Show the information of the file selected
22 Search video (movie) timeframe
23 Zoom in/ out on the movie or picture
24 Pause the playback or play frame by frame

6. START THE B1080i-3

■ **Power On**

- Insert the CF memory card that has Picture, Music, Movie or WMV9 files.
- Press the "POWER" button to power on the B1080i-3, then press the "TV MODE" button to select the output mode.

■ **Status After Power On**

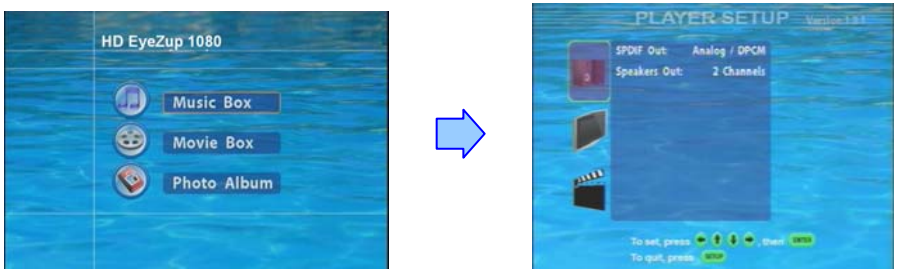
- **Status 1**：If the "AUTOPLAY" function is enabled and there are movie files in the CF card, the B1080i-3 will auto play the movie files after power on.
- **Status 2**：If the "AUTOPLAY" function is disabled. After power on, the main menu will appear as shown in the following figure. There are three groups in the main menu ("Music Box", "Movie Box" and "Photo Album").

NOTE: If the "AUTOPLAY" function is enabled, but there are no media files on the CF card, the B1080i-3 will not show anything on your display when turned on. You can use the "RETURN" button on the remote control to go back to main menu.

■ **Power Off**：Press the "POWER" button again to power off.

7. SETTING UP

- Press the "**SETUP**" button on remote control to directly open the settings screen. (If there is file that is being play, please stop first.)
- There are three groups of sub-menu in the main menu ("Audio Setup", "Video Setup" and "Other Setup").
- In the settings screen, you can use the "▲、▼、◄、►" buttons to select an item, and press the "ENTER" button to confirm the selection.
- Press the "SETUP" button on remote control to save and quit the settings screen.



7.1 AUDIO SETUP

- **SPDIF Out**：Select "Analog/DPCM" when you connect the audio with a stereo RCA cable (the RED and WHITE cable).
- **Speakers Out**：Select the channel quantity of the speakers out. (B1080i-3 only supports 2 channels)

7.2 VIDEO SETUP

- **NTSC Active Output**：Select the output mode. (SD Video/ HD Y.Pb.Pr/ VGA)
  You can also press directly the "TV MODE" button on the remote control to select output mode.
- **SD Video**：Select the SD output mode. ("Video/ S-Video" or "Y.Cb.Cr")
- **HD Y.Pb.Pr 60Hz**：Select the Y.Pb.Pr output resolution among 480p / 720p / 1080i.
- **VGA 60Hz**：Select the VGA output resolution.
  (640*480 / 800*600/ 1024*768/ 1280*1024)

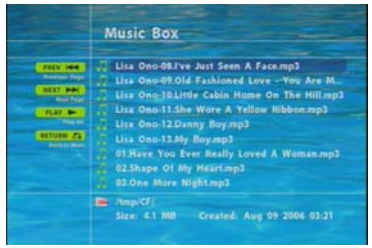
7.3 OTHER SETUP

- **TV Standard**：Select the output TV video format (NTSC / PAL).
- **Aspecl-ratio**：Select TV mode 4:3 or 16:9.
- **Play OSD Display**：Enable or disable the OSD display.
- **Auto Play**：Enable or disable the auto play function. (the B1080i-3 will auto play the movie files on the CF after power on)

8. USING THE B1080i-3

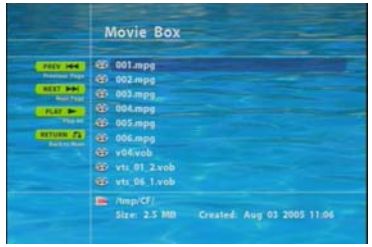
Insert the CF card with media files (picture, music or movie). Turn on the B1080i-3 and select the type of data (MUSIC/ MOVIE/ PHOTO) you want to play, and press the “ENTER” button on remote control to take you into the “MUSIC LIBRARY”, “MOVIE LIBRARY” or “PHOTO LIBRARY”.

8.1 MUISC BOX


Music Box
Lisa Ono-08.I've Just Seen A Face.mp3
Lisa Ono-09.Old Fashioned Love - You Are M...
Lisa Ono-10.Little Cabin Home On The Hill.mp3
Lisa Ono-11.She Wore A Yellow Ribbon.mp3
Lisa Ono-12.Danny Boy.mp3
Lisa Ono-13.My Boy.mp3
01.Have You Ever Really Loved A Woman.mp3
02.Shape Of My Heart.mp3
03.One More Night.mp3
/tmp/CF/
Size: 4.1 MB Created: Aug 09 2006 03:21

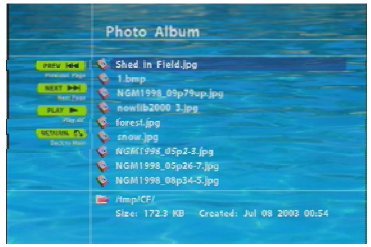
- Select the “Music Box” and press the “ENTER” button to take you into the “Music Library”.
- There are four function keys at the left
  1. **PREV** (you can also press the “PREV” button on the remote control)
     - View the previous page.
     - Play the previous song if in playback.
  2. **NEXT** (you can also press the “NEXT” button on the remote control)
     - View the next page.
     - Play the next song if in playback.
  3. **PLAY**：Play all the songs in the CF card.
  4. **RETURN**：Go back to main menu. (PS. Stop the playing song first.)

8.2 MOVIE BOX



- Select the “Movie Box” and press the “ENTER” button to take you into the “Movie Library”.
- There are four function keys at the left
  1. **PREV** (you can also press the “PREV” button on the remote control)
     - View the previous page.
     - Play the previous movie if in playback.
  2. **NEXT** (you can also press the “NEXT” button on the remote control)
     - View the next page.
     - Play the next movie if in playback.
  3. **PLAY**：Play all the movies in the CF card.
  4. **RETURN**：Go back to main menu. (PS. Stop the playing movie first.)

8.3 PHOTO ALBUM



- Select the “Photo Album” and press the “ENTER” button to take you into the “Photo Library”.
- There are four function keys at the left
  1. **PREV** (you can also press the “PREV” button on the remote control)
     - View the previous page.
     - Play the previous photo if in playback.
  2. **NEXT** (you can also press the “NEXT” button on the remote control)
     - View the next page.
     - Play the next photo if in playback.
  3. **PLAY**：Play all the photos in the CF card.
  4. **RETURN**：Go back to main menu. (PS. Stop the playing photo first.)

8.4 USING THE REMOTE CONTROL (when media file is playing)

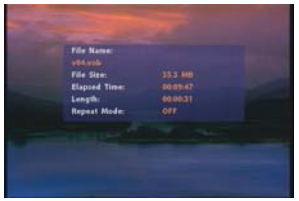
- **SETUP**：Press the “SETUP” button and use the “+ VOLUME –” button to adjust the brightness, contrast or saturation while the **movie** or **picture** is playing.
  - **First Press**：Adjust the brightness.
  - **Second Press**：Adjust the contrast.
  - **Third Press**：Adjust the saturation.

Brightness

Contrast

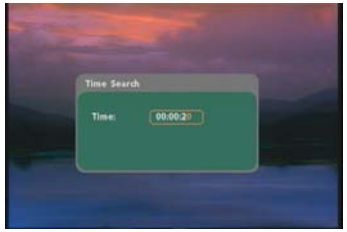
Saturation

- **MUTE**：Mute the sound while the movie or music is playing.
- **+ VOLUME -**：Increase/ decrease the volume while the **movie** or **music** is playing.
- **SHUFFLE**：Turn on/ off the shuffle function.
- **PREV / NEXT**：Play the previous/ next file.
- **REPEAT**：Select the repeat mode.
- **REV / FWD**：Rewind/ forward movie or music file.
- **STOP**：Stop playing, and go back one layer.
- **INFO**：Display the file information.



File Information

- **SERACH**：Search video (movie) timeframe
  Press the “SEARCH” button, and enter the initial time that you want to start at, then press the “ENTER” button to play.



- **PAUSE/STEP**：Pause the playback or play frame by frame.
- **ZOOM**：Zoom in/ out on the movie or picture.

Original Size

First Press：ZOOM 01

Second Press：ZOOM 02

Third Press：ZOOM 03

8.5 RS-232 FUNCTION (RS-232 cable is optional)

Use the tool “Hyper Terminal” or other tools to control the B1080i-3 with ASCII command.

NOTE. 1.Baud Rates:

- Firmware Updating: Set up the baud rate as “115200”.
- ASCII Command: The available baud rates is 38400.

2. The reaction time of B1080i-3 is around three seconds.

■ Keyboard Layout

q：POWER	**-：VOL -**	**w：SLOW**
R：RETURN	***：MUTE**	**>：NEXT**
!：REPEAT	**S：SELECT**	**<：PREW**
~：SETUP	**A：Auto Download**	**u：UP**
#：TV MODE	**p：PLAY**	**d：DOWN**
%：AutoPlay	**P：PAUSE/STEP**	**l：LEFT**
i：INFO	**x：STOP**	**r：RIGHT**
m：NTSC/PAL	**f：FFW**	**s：ENTER**
$：SEARCH	**b：REW**	**C：CLEAR**
+：VOL +	**(XXXXX.XXX)：Play The File (xxxxx.xxx is the file name) NOTE：Must include the round brackets.**	
[number]: Play the file by index. (numbers < upper case letters < lowercase letter)		

■ Pin Assignment

D Sub 9Pin Female	D Sub 9Pin Female
Pin 1	Pin 4
Pin 2	Pin 3
Pin 3	Pin 2
Pin 4	Pin 1
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 8
Pin 8	Pin 7
Pin 9	Pin 9

9. TROUBLESHOOTING

Situation	Check Point
No Picture	1. Check power cable and power switches. 2. Ensure the video cables are connected between the player and the B1080i-3. 3. Press the “TV MODE” button on the remote control to select the correct output mode. 4. Make sure the file format on the CF card is correct. 5. Check if the display device is switched to correct video input source.
No Response From the Remote Control	1. Ensure that there are 2 batteries (AAA size) in the remote control and they are inserted the correctly. 2. Check for any barrier between the remote control and the product.
No sound	1. Check if the mute function is on. 2. Check if the volume is set properly. 3. Check if audio cable has been connected correctly.